



U.S. ARMY

Western Review

of Legislative & Regulatory Actions

Region 10



The U.S. Army Regional Environmental & Energy Office

February 2014

The **WESTERN REGION 10 REVIEW** provides current information on natural resource, energy and environmental issues relevant to Department of Defense interests in the 4 states that comprise Federal Region 10. The Review is intended to be a tool useful to DoD and Army leaders, planners, and program managers in carrying out their responsibilities. The Western Region 10 Review monitors and targets proposed and final regulations and legislation that may affect Army or DoD operations. To receive a copy of this electronic publication, send an email request to nancy.l.reese2.ctr@mail.mil.

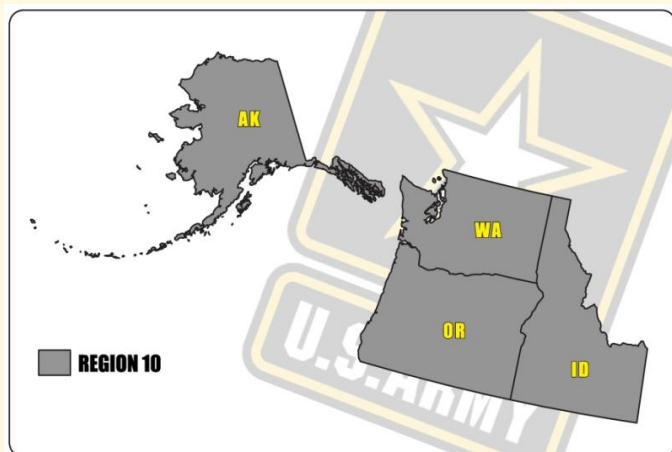


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Net Zero Extended Army-Wide

On 28 JAN 14, the Secretary of the Army signed the [Army Net Zero Policy](#) (Army Directive 2014-2). Effective immediately, the policy directs all Army installations to strive toward Net Zero when fiscally responsible and supportive of mission accomplishment. Commands will implement Net Zero by:

- Reducing overall energy use, maximizing efficiency, implementing energy recovery and cogeneration opportunities, and offsetting remaining demand with production of renewable energy from onsite sources.
- Reducing overall water use, regardless of the source; increasing use of technology that uses water more efficiently; recycling and reusing water and shifting from the use of potable water to non-potable water sources as much as possible; and minimizing the interbasin transfers of any type of water, potable or nonpotable, so that a Net Zero water installation recharges as much water back into the aquifer as it withdraws.
- Reducing, reusing, recycling, composting, and recovering solid waste streams and converting them to resource values, resulting in Net Zero landfill disposal.

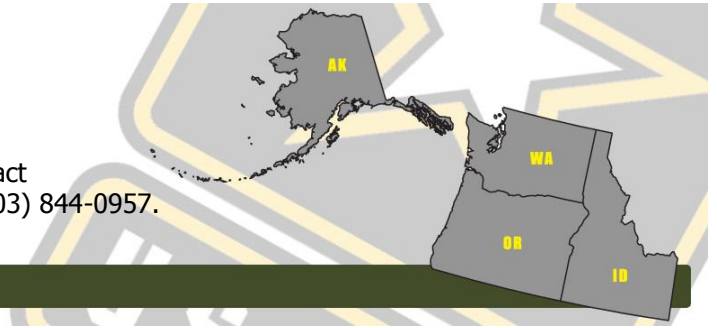
Commands are encouraged to leverage existing privatization contracts, energy savings performance contracts, and utility energy contracts; explore options for alternative financing through power purchase agreements and enhanced use leases; collaborate with other federal agencies and the private sector; and use life-cycle analysis to assess any proposed new Net Zero initiative or project.

The original Net Zero pilot installations will continue to strive toward a goal of Net Zero in energy, water, and/or solid waste by fiscal year (FY) 2020. They will serve as sources of best practices that other installations can implement.

Tracking Progress: The Office of Assistant Chief of Staff for Installation Management (OACSIM) will provide quarterly updates on each command's progress, include periodic Net Zero training in existing energy workshops, and help commanders incorporate Net Zero principles into other Army training. Commanders will hold quarterly conference calls to facilitate information exchange and summarize results in quarterly reports to OACSIM.

Region 10

For more information on any state issues in Region 10, contact [Park Haney](#), Acting Region 10 Environmental Coordinator (303) 844-0957.



AIR

PM2.5 EMISSIONS FROM WOOD HEATERS The Alaska Department of Environmental Conservation (ADEC) [is proposing](#) to amend its air quality rules to limit emissions of fine particulate matter (PM2.5) from wood burning activities in the Fairbanks North Star Borough nonattainment area and to establish federally required air episode levels for PM2.5. The amendments would amend Title 18, Alaska Administrative Code (AAC), Chapter 10 to:

- Restrict wintertime outdoor open burning in the nonattainment area (18 AAC 50.065(f));
- Provide ADEC flexibility to allow operation of wood-fired heating devices during an air quality episode (18 AAC 50.075(b));
- Clarify the types of solid fuels that can be burned in heating devices within the nonattainment area by adding a new section to existing rules (18 ACC 50.076);
- Establish particulate emission limitations for new wood-fired heating devices manufactured, sold, or installed in the nonattainment area by adding a new section to existing rules (18 ACC 50.077);
- Establish PM2.5 concentrations that will trigger an air quality alert in Table 6 (18 ACC 50.245(a));
- Provide local authorized air quality programs authority to declare air quality episodes and advisories and to take immediate action (18 ACC 50.245(a), (b), and (c)); and
- Modify definitions (18 AAC 50.990).

Public hearings were held 21 JAN 14. Comments were due 24 JAN 14. For more information, contact [Scott Sloane](#), or visit [ADEC's website](#).

WASTE

RADIATION SOURCES: PROTECTION AND DISPOSAL The Alaska Department of Health and Social Services (ADHSS) and ADEC [are proposing](#) amendments to their rules for radiation sources. ADHSS is proposing to repeal certain provisions dealing with the discharge and disposal of radioactive materials and to add regulations addressing use of radiation sources in healthcare and related settings. ADEC is proposing to amend its regulations dealing with the discharge and disposal of radioactive materials and to align ADEC rules with ADHSS requirements. Comments were due 31 JAN 14. For more information, contact [Clyde Pearce](#).

WATER

MSGP FOR STORMWATER DISCHARGES ADEC [is proposing](#) to reissue its Multi-Sector General Permit (MSGP) for stormwater discharges associated with industrial activity. In October 2008, EPA approved Alaska's application to administer the National Pollutant Discharge Elimination System (NPDES) Program. The state's program is called the

Alaska Pollutant Discharge Elimination System (APDES) Program. The permit is a reissuance of the EPA permit that was adopted by ADEC when the agency took over as the primary authority for stormwater permitting on 31 OCT 09. EPA issued the previous permit (AKR050000) on 29 SEP 08, which expired on 29 SEP 13, but was administratively extended. Proposed revisions to the permit include:

- New federal Effluent Limitations Guidelines (ELGs) for the airport deicing point source category (77 FR 29168);
- Annual comprehensive site inspection period to follow the calendar year;
- Additional control measures (stormwater diversions, velocity dissipation devices) are added to Sectors L, Q, and R;
- Structural layout of the permit is revised to align with the Alaska Construction General Permit;

[Comments](#) were due 5 FEB 14. For more information, contact [William Ashton](#) at (907) 269-6283, or visit the [rulemaking website](#).

APDES PERMIT FOR DISCHARGES FROM DRINKING WATER TREATMENT FACILITIES ADEC [released](#) a preliminary draft of its proposed new APDES permit for wastewater discharges from drinking water treatment facilities discharging to surface waters. The proposed permit covers owners and operators of drinking water treatment facilities that discharge backwash water or reject water to fresh or marine surface water in the state of Alaska. Comments were due 23 JAN 14. For more information, contact [Brian Doyle](#) at (907) 465-5366, or visit the [ADEC website](#) for a copy of the [draft permit](#) and draft [fact sheet](#).

ALASKA WATER QUALITY ANTIDegradation POLICY ADEC [is proposing](#) amendments that would establish implementation methods for the state's water quality antidegradation policy found at 18 AAC 70.015. Federal law requires states to have both a policy and formal implementation methods for their antidegradation policy. ADEC is proposing to

- Repeal and move the section that describes a department finding for methods of pollution prevention (18 AAC 70.015(a)(2)(D));
- Add a new section that outlines regulatory requirements for protecting water quality (18 AAC 70.016);
- Add a new section describing procedures for nominating an Outstanding National Resource Water (18 AAC 70.017); and
- Revise definitions and terms.

A public hearing was held 10 FEB 14. Comments are due 17 MAR 14. For more information, contact [Earl Crapps](#) at (907) 269-7681, or visit the [ADEC website](#) for links to the [draft policy](#), a [fact sheet](#), and more.

LEGISLATIVE DEVELOPMENTS

The [Alaska 2014 legislative session](#) began 21 JAN 14 and adjourns 20 APR 14. An * indicates the first time a bill appears in the 2014 Review.

<i>Alaska Bill Number, Sponsor, and Description</i>	<i>Bill Introduced</i>	<i>Passed 1st House</i>	<i>Passed 2nd House</i>	<i>Status</i>
AIR/CLIMATE CHANGE				
ENERGY				
LAND USE				

<i>Alaska Bill Number, Sponsor, and Description</i>	<i>Bill Introduced</i>	<i>Passed 1st House</i>	<i>Passed 2nd House</i>	<i>Status</i>
NATURAL RESOURCES				
OTHER				
* HB 224 <i>Representative Harriet Drummond (D)</i> Proposes to limit the application of neonicotinoid pesticides.	Prefiled			
WASTE				
WATER				



WATER

WATER QUALITY: MARSH CREEK The Idaho Department of Environmental Quality (IDEQ) [issued final plans](#) to improve water quality in Marsh Creek in the Lake Walcott subbasin in southern Idaho. Marsh Creek has been identified as impaired by elevated temperature and excess bacteria. The [Marsh Creek Temperature and E.Coli Total Maximum Daily Load Addendum to the Lake Walcott Subbasin Assessment and Total Maximum Daily Load](#) establishes total maximum daily loads (TMDLs) to lower water temperature and reduce bacteria in Marsh Creek. The TMDL addendum was finalized December 2013. For more information, contact [Katie Shewmaker](#) at (208) 736-2190.

LEGISLATIVE DEVELOPMENTS

The [Idaho 2014 legislative session](#) began 6 JAN 14 and is estimated to adjourn 4 APR 14.



AIR

OREGON SIP: SMOKE MANAGEMENT The Oregon Department of Environmental Quality (ODEQ) [is proposing](#) to incorporate changes to the Oregon Smoke Management Plan into Oregon's State Implementation Plan (SIP) codified in Oregon Administrative Rules (OAR), [340-200-0040](#). This action affects prescribed burning conducted by the Oregon Department of Forestry. A series of public hearings are scheduled for February and March 2014. Comments are due 12 MAR 14.

OREGON SIP: LOCAL OPEN BURNING RESTRICTIONS ODEQ [is proposing](#) to incorporate Lane Regional Air Protection Agency rules for open burning into Oregon's SIP (OAR 340-200-0040). A public hearing was held 22 JAN 14. Comments were due 27 JAN 14. For more information, contact Andrea Gartenbaum at (503) 229-5946.

NATURAL RESOURCES

OREGON SMOKE MANAGEMENT PROGRAM The Oregon Department of Forestry [is proposing](#) revisions and updates to the Oregon Smoke Management Plan in [OAR 629-048](#). This rule and the Smoke Management Plan is administered to manage prescribed burning on private, federal and other public land to protect air quality and maintain forest productivity and health. Rule [changes](#) clarify requirements and include housekeeping amendments. Hearings are scheduled for February and March 2014. Comments are due 12 MAR 14. For more information, contact [Sabrina Perez](#) at (503) 945-7210.

WATER

DRAFT 2012 INTEGRATED REPORT ODEQ [is inviting public comment](#) on the *Oregon Draft 2012 Integrated Report*. The report contains results from ODEQ's review of new data and information used to assess water quality in the state and identify impaired waters for which TMDLs need to be developed. This identification is commonly referred to as the development of the 303(d) list and is done periodically to update previous assessment information. [Comments](#) are due 24 FEB 14. For more information, contact [Karla Urbanowicz](#).

LEGISLATIVE DEVELOPMENTS

The [Oregon 2014 legislative session](#) began 3 FEB 14 and is estimated to adjourn 8 MAR 14. An * indicates the first time a bill appears in the 2014 Review.

<i>Oregon Bill Number, Sponsor, and Description</i>	<i>Bill Introduced</i>	<i>Passed 1st House</i>	<i>Passed 2nd House</i>	<i>Status</i>
AIR/CLIMATE CHANGE				
*SB 1511 <i>Senate Interim Committee on Environment and Natural Resources</i> Proposes to require certification from the Department of Consumer and Business Services to engage in radon testing or mitigation.	Prefiled			
ENERGY				
LAND USE				
NATURAL RESOURCES				
OTHER				
*HB 4139 <i>Representative Jeff Reardon (D)</i> Proposes to require the Department of Agriculture to classify certain pesticides as restricted-use pesticides.	Prefiled			
WASTE				
WATER				



Washington

AIR

SOLID FUEL BURNING DEVICES The Washington Department of Ecology (WADOE) [adopted amendments](#) to its regulations for solid fuel burning. This action is being taken to reduce Washington's wood smoke emissions in order to meet federal air quality standards. The amendments to Chapter 173-433 Washington Administrative Code (WAC) modify trigger levels for burn bans, align the rule with other state and federal requirements, and make housekeeping changes. The [final rule](#) is effective 23 FEB 14. For more information, contact [Margo Thompson](#) at (360) 407-6827.

HAZARDOUS MATERIAL

RADIOACTIVE MATERIALS The Washington Department of Health [adopted](#) amendments to its occupational dose records at Chapter 246-220, 221, 222, and 240 WAC. The amendments align state rules with Nuclear Regulatory Commission (NRC) rule changes related to occupational dose records, container labeling, and total effective dose equivalent. The final rule was effective 16 JAN 14.

NATURAL RESOURCES

NOXIOUS WEED CONTROL The Washington Department of Agriculture [adopted amendments](#) to Chapter 16-750 WAC. The Washington state noxious weed list provides the basis for noxious weed control efforts for county and district weed control boards as well as other entities. This rule-making order amends chapter 16-750 WAC by changing designations of 12 Class B noxious weeds, reinstating a modification to one Class B noxious weed, reclassifying two Class A noxious weeds, adding Class B noxious weeds, adding Class C noxious weeds, and simplifying noxious weed listings. The [final rule](#) was effective 30 JAN 14. For more information, contact [Alison Halpern](#) at (360) 902-2053.

WATER

WITHDRAWN: PROPOSED ADOPTION OF FEDERAL TOTAL COLIFORM RULE The Washington Department of Health [withdrew](#) its proposed adoption of the federal Total Coliform Rule into Chapter 246-290 WAC, Group A public water supplies. This action was taken because the Washington Board of Health decided it needed to conduct additional rulemakings and that the best way to proceed was to conduct these rulemakings together. For more information, contact [Brad Burnham](#) at (360) 236-3158.

LEGISLATIVE DEVELOPMENTS

The [Washington 2014 legislative session](#) began 13 JAN 14 and is estimated to adjourn 6 MAR 14. An * indicates the first time a bill appears in the 2014 Review.

<i>Washington Bill Number, Sponsor, and Description</i>	<i>Bill Introduced</i>	<i>Passed 1st House</i>	<i>Passed 2nd House</i>	<i>Status</i>
AIR/CLIMATE CHANGE				
* HB 1169 <i>Representative Matt Shea (R)</i> Proposes to establish the Washington State Energy Freedom Act. Prohibits state agencies from implementing a cap and trade system, regulating motor vehicle fuel economy, or otherwise addressing greenhouse gas emissions without direct and specific legislative authority to conduct the activity.	✓			

<i>Washington Bill Number, Sponsor, and Description</i>	<i>Bill Introduced</i>	<i>Passed 1st House</i>	<i>Passed 2nd House</i>	<i>Status</i>
<p>*HB 1915 <i>Representative Dave Upthegrove (D)</i> Proposes to require the Governor hire an independent organization to prepare an evaluation of approaches to reduce greenhouse gas emissions. Creates the climate legislative and executive work group to recommend a state program of actions and policies to reduce greenhouse gas emissions.</p>	✓			
<p>*SB 5321 <i>Senator Doug Ericksen (R)</i> Proposes to harmonize state greenhouse gas reporting requirements with federal requirements.</p>	✓			
<p>*SB 5408 <i>Senator Doug Ericksen (R)</i> Proposes to provide exclusions for the definition of “nonpower attributes” for purposes of the Energy Independence Act.</p>	✓	✓		
<p>*SB 5796 <i>Senator Mark G. Schoesler (R)</i> Proposes to address the requirements of emergency engines and backup generators for use at hospitals, sewage treatment plants, data centers, and other vital public services.</p>	✓			
ENERGY				
<p>*HB 1030 <i>Representative Jeff Morris (D)</i> Proposes to adopt the Electric Transmission Line Siting Compact in order to promote an interstate cooperative transmission siting process.</p>	✓			
<p>*HB 1106 <i>Representative John R. McCoy (D)</i> Proposes to exclude a third-party owner of a customer-sited renewable energy facility from the definition of “electrical company” for purposes of net metering. Changes the cumulative generating capacity available to net metering systems. Changes meter aggregation for customer-generators participating in certain generating facilities. Companion bill is SB 5707.</p>	✓			
<p>*HB 1193 <i>Representative J.T. Wilcox (R)</i> Proposes to require an applicant of a permit to construct a wind turbine to provide notice of the application to adjacent landowners.</p>	✓			
<p>*HB 1221 <i>Representative Dave Upthegrove (D)</i> Proposes to modify the Energy Independence Act by revising the definition of “load.” Adds a definition for “coal transition power.” Companion bill is SB 5298.</p>	✓			
<p>*HB 1289 <i>Representative Jeff Morris (D)</i> Proposes to allow a qualifying utility to count electricity dispatched from an energy storage facility at 2.5 times the facility’s output, under certain conditions.</p>	✓			
<p>*HB 1296 <i>Representative Jeff Morris (D)</i> Proposes to require an electric utility’s integrated resource plan to include an assessment of energy storage systems on the utility and distributed generation scale.</p>	✓			
<p>*HB 1301 <i>Representative Jeff Morris (D)</i> Proposes to modify the existing renewable energy investment cost recovery incentive program to streamline the program and promote clean energy technology.</p>	✓	✓		

<i>Washington Bill Number, Sponsor, and Description</i>	<i>Bill Introduced</i>	<i>Passed 1st House</i>	<i>Passed 2nd House</i>	<i>Status</i>
* HB 1347 <i>Representative Shelly Short (R)</i> Proposes to authorize a qualifying utility to use certain eligible renewable resources to meet its annual targets. Prohibits the utility from transferring or selling these eligible renewable resources to another utility.	✓			
* HB 1374 <i>Representative Jeff Morris (D)</i> Proposes to change the composition and duties of the Energy Facility Site Evaluation Council. Removes the military department from membership in the council.	✓	✓		
* HB 1426 <i>Representative Terry Nealey (R)</i> Proposes to authorize qualifying utilities serving retail customers to use eligible renewable resources located within the Western Electricity Coordinating Council area to comply with the Energy Independence Act.	✓			
* HB 1602 <i>Representative Lawrence S. Springer (D)</i> Proposes to exempt engine retrofits from certain fuel usage requirements. Requires the Department of Commerce to convene an advisory committee to work with the department to develop rules on electricity and biofuel use goals. Companion bill SB 5099 (2013) was signed, effective 28 JUL 13.	✓			
* HB 1663 <i>Representative Steve Tharinger (D)</i> Proposes to delay the expiration of the sales and tax use exemption for "hog fuel" (i.e., woody biomass) used to produce electricity, steam, heat, or biofuel.	✓	✓		
* HB 1950 <i>Representative Lawrence E. Haler (R)</i> Proposes to revise the definition of "eligible renewable resource" to include hydroelectric generation from certain projects.	✓	✓		
* HB 1977 <i>Representative Dave Upthegrove (D)</i> Proposes to declare state policy to promote deployment of distributed solar energy generation using current state policies and regulatory mechanisms to improve the cost-effectiveness, rather than ratepayer subsidies.	✓			
* HB 2059 <i>Representative Jeff Morris (D)</i> Proposes to require the Utilities and Transportation Commission to allow customers to purchase voluntarily eligible renewable resources.	✓			
* HB 2176 <i>Representative Jeff Morris (D)</i> Proposes to allow an electric utility or vendor to offer low-cost loan/lease program that provides all customers access to renewable energy systems on their property.	✓			
* HB 2183 <i>Representative Jeff Morris (D)</i> Proposes to require the Joint Committee on Energy Supply and Conservation to make recommendations to the legislature to establish new renewable energy and energy efficiency goals for utilities.	✓			
* HB 2223 <i>Representative Gael Tarleton (D)</i> Proposes to revise the definition of "qualified alternative energy resource" to include electricity or thermal energy produced from generation facilities that are fueled by biomass energy based on liquid organic fuels from wood, forest, or field residues. Companion bill is SB 6021.	✓			

<i>Washington Bill Number, Sponsor, and Description</i>	<i>Bill Introduced</i>	<i>Passed 1st House</i>	<i>Passed 2nd House</i>	<i>Status</i>
* HJR 4200 <i>Representative Lawrence E. Haler (R)</i> Proposes to amend the state constitution to recognize hydroelectric generation as a renewable resource.	✓			
* SB 5294 <i>Senator Doug Ericksen (R)</i> Proposes to revise the Energy Independence Act by recognizing hydroelectricity as an eligible renewable resource.	✓			
* SB 5298 <i>Senator John Braun (R)</i> Proposes to modify the Energy Independence Act by revising the definition of "load." Adds a definition for "coal transition power." Companion bill is HB 1221.	✓			
* SB 5412 <i>Senator Doug Ericksen (R)</i> Proposes to revise the definition of "eligible renewable resource" for purposes of the Energy Independence Act.	✓			
* SB 5707 <i>Senator Kevin Ranker (D)</i> Proposes to exclude a third-party owner of a customer-sited renewable energy facility from the definition of "electrical company" for purposes of net metering. Changes the cumulative generating capacity available to net metering systems. Changes meter aggregation for customer-generators participating in certain generating facilities. Companion bill is HB 1106.	✓			
* SB 5896 <i>Senator Steve Hobbs (D)</i> Proposes to delay the expiration of renewable energy sales and use tax exemption for an additional four years.	✓			
* SB 6021 <i>Senator Doug Ericksen (R)</i> Proposes to revise the definition of "qualified alternative energy resource" to include electricity or thermal energy produced from generation facilities that are fueled by biomass energy based on liquid organic fuels from wood, forest, or field residues. Companion bill is HB 2223.	✓			
LAND USE				
* HB 1158 <i>Representative Steve Kirby (D)</i> Proposes to authorize The Adjutant General (TAG) to file a petition to have real property owned by the state for military purposes annexed to a city or town if that property constitutes the whole of the property in the annexation petition. Companion bill is SB 5068.	✓	✓		
* HB 1224 <i>Representative Joel A. Kretz (R)</i> Proposes to provide a process for county legislative authorities to withdraw from voluntary planning under the Growth Management Act. Companion bill is SB 5636.	✓			
* HB 1978 <i>Representative Hans Zeiger (R)</i> Proposes to create an expedited environmental review and approval process for transportation projects that require preparation of an environmental impact statement. Aligns Department of Ecology and Department of Transportation requirements.	✓	✓		

<i>Washington Bill Number, Sponsor, and Description</i>	<i>Bill Introduced</i>	<i>Passed 1st House</i>	<i>Passed 2nd House</i>	<i>Status</i>
* HB 2268 <i>Representative David Taylor (R)</i> Proposes to create a joint task force to make recommendations for the transfer of federal lands to state control.	✓			
* SB 5011 <i>Senator Don Benton (R)</i> Proposes to prohibit the state and all political subdivisions from adopting and developing environmental and developmental policies that infringe or restrict private property rights without due process.	✓			
* SB 5068 <i>Senator Steve Conway (D)</i> Proposes to authorize The Adjutant General (TAG) to file a petition to have real property owned by the state for military purposes annexed to a city or town if that property constitutes the whole of the property in the annexation petition. Companion bill is HB 1158.	✓			
* SB 5406 <i>Senator Doug Ericksen (R)</i> Proposes to limit the use of sanctions under the Growth Management Act when a local government shows that it is working toward compliance with the act.	✓			
* SB 5636 <i>Senator John Smith (R)</i> Proposes to provide a process for county legislative authorities to withdraw from voluntary planning under the Growth Management Act. Companion bill is HB 1224.	✓			
* SB 5805 <i>Senator Steve Hobbs (D)</i> Proposes to provide a mechanism for local governments and state and federal agencies to perform a coordinated and comprehensive review of projects of statewide significance for economic development and transportation.	✓			
NATURAL RESOURCES				
* HB 1191 <i>Representative Shelly Short (R)</i> Proposes to allow the taking of a wolf under certain conditions without a permit. Makes rule applicable across all public and private lands where livestock are found. Companion bill is SB 5187.	✓			
* HB 1244 <i>Representative Derek Stanford (D)</i> Proposes to clarify the Department of Natural Resources' authority to enter into cooperative agreements. Addresses watershed management.	✓	✓		
* HB 1258 <i>Representative Joel A. Kretz (R)</i> Proposes to allow wolves to be relocated from one area of the state to another, subject certain conditions.	✓			
* HB 1337 <i>Representative Joel A. Kretz (R)</i> Proposes to prohibit the Fish and Wildlife Commission from classifying the gray wolf as endangered or threatened in any area of the state where a similar listing is not simultaneously in effect for the same species under the federal Endangered Species Act.	✓			

<i>Washington Bill Number, Sponsor, and Description</i>	<i>Bill Introduced</i>	<i>Passed 1st House</i>	<i>Passed 2nd House</i>	<i>Status</i>
<p>*HB 1999 <i>Representative Judy Clibborn (D)</i> Proposes to use available technologies to minimize permit delays for proposed compensatory mitigation projects. Intends to optimize the effectiveness of proposed compensatory mitigation projects.</p>	✓			
<p>*HB 2458 <i>Representative Drew MacEwen (R)</i> Proposes to provide authority for the Department of Fish and Wildlife to develop an integrated invasive species management program. Companion bill is SB 6040.</p>	✓			
<p>*HB 2724 <i>Representative Lilian Ortiz-Self (D)</i> Proposes to exempt from disclosure certain information related to historical archaeological resources, traditional cultural places, or archaeological resources. Companion bill is SB 6480.</p>	✓			
<p>*SB 5187 <i>Senator John Smith (R)</i> Proposes to allow the taking of a wolf under certain conditions without a permit. Makes rule applicable across all public and private lands where livestock are found. Companion bill is HB 1191.</p>	✓	✓		
<p>*SB 5547 <i>Senator Kevin Ranker (D)</i> Proposes to advise the governor on policies relating to the protection and conservation of ocean resources. Coordinates the implementation of measures to mitigate the impacts of ocean acidification.</p>	✓			
<p>*SB 6040 <i>Senator Jim Honeyford (R)</i> Proposes to provide authority for the Department of Fish and Wildlife to develop an integrated invasive species management program. Companion bill is HB 2458.</p>	✓			
<p>*SB 6480 <i>Representative John R. McCoy (D)</i> Proposes to exempt from disclosure certain information related to historical archaeological resources, traditional cultural places, or archaeological resources. Companion bill is HB 2724.</p>	✓			
OTHER				
<p>*HB 1010 <i>Representative Sherry V. Appleton (D)</i> Proposes to remove an exclusion that allowed the wholesale of bulk containers (55 gallons or greater) of antifreeze without an aversive agent.</p>	✓	✓		
<p>*HB 1017 <i>Representative Jeff Morris (D)</i> Proposes to create new efficiency standards for battery charger systems, water closets, and urinals. Authorizes a city or county to enact an ordinance allowing the sale and installation of non low-consumption water closets or urinals.</p>	✓	✓		
<p>*HB 1110 <i>Representative David Taylor (R)</i> Proposes to require employers to comply with certain federal respirator requirements for asbestos abatement projects.</p>	✓			
<p>*HB 1163 <i>Representative David Taylor (R)</i> Proposes to impose a general moratorium on state agency rulemaking. Establishes the Regulatory Freedom and Accountability Act and revises the State Administrative Procedure Act.</p>	✓			

<i>Washington Bill Number, Sponsor, and Description</i>	<i>Bill Introduced</i>	<i>Passed 1st House</i>	<i>Passed 2nd House</i>	<i>Status</i>
* HB 1206 <i>Representative Steve Tharinger (D)</i> Proposes to increase administrative flexibility for the Department of Ecology by changing certain programs relevant to the department.	✓			
* HB 1434 <i>Representative Gerry Pollet (D)</i> Proposes to promote community involvement in environmental decision-making.	✓			
* HB 1926 <i>Representative Marcus Riccelli (D)</i> Proposes to require building materials that contain asbestos to be clearly labeled as such by manufacturers, wholesalers, and distributors.	✓			
* HB 1957 <i>Representative Judy Clibborn (D)</i> Proposes to require the Washington Department of Transportation work on the Columbia River crossing project, the State Route 520 bridge replacement and HOV project, and the Alaskan Way viaduct replacement project.	✓	✓		
* HB 2427 <i>Representative Brian Blake (D)</i> Proposes to prohibit discharging an incendiary ammunition, releasing a sky lantern, or detonating an exploding target on or over any forest, brush, range, or grain area during certain times of the year. Companion bill is SB 6199.	✓			
* HB 2476 <i>Representative Jason Overstreet (R)</i> Proposes to establish the Washington state incandescent light bulb freedom act.	✓			
* SB 5255 <i>Senator Maralyn Chase (D)</i> Proposes to require agencies to implement environmental quality and public health policies.	✓			
* SB 6199 <i>Senator John Braun (R)</i> Proposes to prohibit discharging an incendiary ammunition, releasing a sky lantern, or detonating an exploding target on or over any forest, brush, range, or grain area during certain times of the year. Companion bill is HB 2427.	✓			
WASTE				
* HB 1310 <i>Representative Joe Fitzgibbon (D)</i> Proposes to authorize a local government, through its local legislative authority, to choose to regulate consumer access to retail carryout bags. Companion bill is SB 5386.	✓			
* HB 1364 <i>Representative Steve Tharinger (D)</i> Proposes to create the used battery stewardship account to implement voluntary programs to collect and recycle used small rechargeable batteries. Companion bill is SB 5457.	✓	✓		
* HB 1444 <i>Representative Sam Hunt (D)</i> Proposes to establish a product stewardship program for the disposal of mercury-containing lights. Addresses funding of stewardship program.	✓			

<i>Washington Bill Number, Sponsor, and Description</i>	<i>Bill Introduced</i>	<i>Passed 1st House</i>	<i>Passed 2nd House</i>	<i>Status</i>
<p>*HB 1579 <i>Representative Roger Goodman (D)</i> Proposes to create an architectural paint recovery program. Requires paint manufacturers to assume responsibility for development and implementation of a cost-effective paint stewardship program. Creates the paint product stewardship account. Companion bill is SB 5424.</p>	✓			
<p>*HB 1948 <i>Representative Steve Tharinger (D)</i> Proposes to change certain programs relevant to the Department of Ecology in order to increase administrative efficiency.</p>	✓			
<p>*HB 2072 <i>Representative Matt Manweller (R)</i> Proposes to establish requirements for county compostable waste collection programs.</p>	✓			
<p>*HB 2246 <i>Representative Sam Hunt (D)</i> Proposes to make changes to the product stewardship program for mercury-containing lights to provide for a sustainable funding mechanism. Companion bill is SB 6177.</p>	✓			
<p>*SB 5201 <i>Senator Kevin Ranker (D)</i> Proposes to create the brownfield redevelopment trust fund account to accelerate the cleanup of hazardous waste sites and brownfields throughout the state.</p>	✓			
<p>*SB 5250 <i>Senator Maralyn Chase (D)</i> Proposes to prohibit state agencies from purchasing petroleum-based beverage bottles. Prohibits manufacturers, wholesalers, and retailers from manufacturing, selling, or distributing non-compostable petroleum-based beverage bottles.</p>	✓			
<p>*SB 5252 <i>Senator Maralyn Chase (D)</i> Proposes to prohibit food service businesses from selling or providing food in expanded polystyrene food service products. Prohibits disposable plastic food service ware.</p>	✓			
<p>*SB 5253 <i>Senator Maralyn Chase (D)</i> Proposes to prohibit a retail store from providing a carryout bag to a consumer unless the carryout bag is compostable plastic, recyclable, or reusable.</p>	✓			
<p>*SB 5386 <i>Senator Mark Mullet (D)</i> Proposes to authorize a local government, through its local legislative authority, to choose to regulate consumer access to retail carryout bags. Companion bill is HB 1310.</p>	✓			
<p>*SB 5424 <i>Senator Maralyn Chase (D)</i> Proposes to create an architectural paint recovery program. Requires paint manufacturers to assume responsibility for development and implementation of a cost-effective paint stewardship program. Creates the paint product stewardship account. Companion bill is HB 1579.</p>	✓			

<i>Washington Bill Number, Sponsor, and Description</i>	<i>Bill Introduced</i>	<i>Passed 1st House</i>	<i>Passed 2nd House</i>	<i>Status</i>
<p>*SB 5457 <i>Senator Sharon Nelson (D)</i> Proposes to create the used battery stewardship account to implement voluntary programs to collect and recycle used small rechargeable batteries. Companion bill is HB 1364.</p>	✓			
<p>*SB 5610 <i>Senator Don Benton (R)</i> Proposes to authorize counties and cities providing urban governmental services within urban growth areas to choose approved on-site sewage systems as the main source of sewage treatment.</p>	✓			
<p>*SB 6177 <i>Senator Steve Litzow (R)</i> Proposes to make changes to the product stewardship program for mercury-containing lights to provide for a sustainable funding mechanism. Companion bill is HB 2246.</p>	✓			
WATER				
<p>*HB 1016 <i>Representative Jan Angel (R)</i> Proposes to designate facilities and infrastructure of water purveyors as essential public facilities under growth management planning requirements.</p>	✓	✓		
<p>*HB 1179 <i>Representative Dawn Morrell (D)</i> Proposes to allow counties to adopt alternative procedures for the collection of sewer charges. Companion bill is SB 5218.</p>	✓	✓		
<p>*HB 1196 <i>Representative Bruce Chandler (R)</i> Proposes to implement an integrated water resource management plan in the Yakima river basin.</p>	✓			
<p>*HB 1234 <i>Representative Liz Pike (R)</i> Proposes to reissue without modification for a term of two years, phase I national pollutant discharge elimination system municipal stormwater general permits in effect on 1 SEP 12. Modifies the date that updated permits become effective from 1 AUG 13 to 1 AUG 15.</p>	✓			
<p>*HB 1237 <i>Representative Liz Pike (R)</i> Proposes to require the Department of Ecology to conduct a pilot project to evaluate net environmental effects of an alternative approach to municipal stormwater management and verify the approach satisfies state/federal law. Companion bill is SB 5435.</p>	✓			
<p>*HB 1239 <i>Representative Dean Takko (D)</i> Proposes to modify powers of water-sewer districts. Specifies how water sewer districts can use the powers of eminent domain and condemnation. Companion bill is SB 5185.</p>	✓			
<p>*HB 1350 <i>Representative Bruce Chandler (R)</i> Proposes to address future development criteria with regard to exempt well withdrawals to allow better allocation of water resources.</p>	✓			
<p>*HB 1375 <i>Representative Brian Blake (D)</i> Proposes to allow local governments to consolidate a new exempt withdrawal of groundwater into an existing public water system. Companion bill is SB 5200.</p>	✓			

<i>Washington Bill Number, Sponsor, and Description</i>	<i>Bill Introduced</i>	<i>Passed 1st House</i>	<i>Passed 2nd House</i>	<i>Status</i>
* HB 1414 <i>Representative Bruce Chandler (R)</i> Proposes to implement the integrated water resource management plan in the Yakima river basin.	✓			
* HB 1438 <i>Representative Vincent Buys (R)</i> Proposes to require the Department of Ecology to establish a process to account for changes in water rights. Companion bill is SB 5199.	✓			
* HB 1548 <i>Representative Brian Blake (D)</i> Proposes to revise the Department of Ecology's process for amendments to water right change applications. Moves the point of withdrawal to reduce potential surface water impacts. Companion bill is SB 5463.	✓			
* HB 1549 <i>Representative Brian Blake (D)</i> Proposes to revise the Department of Ecology's process for amendments to water right change applications. Consolidates the annual quantities of those water rights held by the applicant. Companion bill is SB 5462.	✓			
* HB 2454 <i>Representative Brian Blake (D)</i> Proposes to require the State Conservation Commission, in partnership with the Department of Ecology, to explore options for developing a water quality trading program.	✓			
* HB 2472 <i>Representative Joel A. Kretz (R)</i> Proposes to require determinations made by the Department of Ecology to be based on a preponderance of actual site-based, source-specific environmental testing. Companion bill is SB 6288.	✓			
* SB 5071 <i>Senator Jerome L. Delvin (R)</i> Proposes to extend the time period permitted to put water to beneficial use.	✓			
* SB 5185 <i>Senator Pam Roach (R)</i> Proposes to modify certain powers of water-sewer districts. Specifies how water sewer districts can use the powers of eminent domain and condemnation. Companion bill is HB 1239.	✓			
* SB 5192 <i>Senator Jim Honeyford (R)</i> Proposes to require a water-sewer district that imposes a connection charge to deposit any revenue generated from the charge into a separate account to be used solely for expanding existing facilities and for new facilities.	✓			
* SB 5199 <i>Senator Doug Ericksen (R)</i> Proposes to require the Department of Ecology to establish a process to account for changes in water rights. Companion bill is HB 1438.	✓	✓		
* SB 5200 <i>Senator Brian Hatfield (D)</i> Proposes to allow local governments to consolidate a new exempt withdrawal of groundwater into an existing public water system. Companion bill is HB 1375.	✓	✓		
* SB 5218 <i>Senator Bruce Dammeier (R)</i> Proposes to allow counties to adopt alternative procedures for the collection of sewer charges. Companion bill is HB 1179.	✓			

<i>Washington Bill Number, Sponsor, and Description</i>	<i>Bill Introduced</i>	<i>Passed 1st House</i>	<i>Passed 2nd House</i>	<i>Status</i>
<p>*SB 5219 <i>Senator Jim Honeyford (R)</i> Proposes to establish a process to retain water rights when they are no longer used on state purchased lands and to make the water rights available for alternate uses by local economies rather than be permanently lost to the economy of the area through relinquishment.</p>	✓	✓		
<p>*SB 5326 <i>Senator Ann Rivers (R)</i> Proposes to delay new stormwater discharge permitting requirements and to extend current permits for a period of three years.</p>	✓			
<p>*SB 5407 <i>Senator Doug Ericksen (R)</i> Proposes to require the Department of Ecology to provide for electronic filing of pollutant discharge elimination permit system applications, updates and revisions thereof, and data reporting.</p>	✓	✓		
<p>*SB 5435 <i>Senator Annette Cleveland (D)</i> Proposes to require the Department of Ecology to conduct a pilot project to evaluate net environmental effects of an alternative approach to municipal stormwater management and verify the approach satisfies state/federal law. Companion bill is HB 1237.</p>	✓			
<p>*SB 5462 <i>Senator Jim Honeyford (R)</i> Proposes to revise the Department of Ecology's process for amendments to water right change applications. Consolidates the annual quantities of those water rights held by the applicant. Companion bill is HB 1549.</p>	✓			
<p>*SB 5463 <i>Senator Jim Honeyford (R)</i> Proposes to revise the Department of Ecology's process for amendments to water right change applications. Moves the point of withdrawal to reduce potential surface water impacts. Companion bill is HB 1548.</p>	✓			
<p>*SB 5677 <i>Senator Linda Parlette (R)</i> Proposes to authorize a water management board in the Methow watershed (catalog unit 17020008 in north central Washington).</p>	✓			
<p>*SB 5836 <i>Senator Jim Honeyford (R)</i> Proposes to authorize the use of permit exempt wells as long as the basin is not closed to further appropriation of groundwater.</p>	✓			
<p>*SB 6288 <i>Senator Brian Dassel (R)</i> Proposes to require determinations made by the Department of Ecology to be based on a preponderance of actual site-based, source-specific environmental testing. Companion bill is HB 2472.</p>	✓			

Department of Defense Activity

NAVY ENVIRONMENTAL PROGRAM MANUAL The revised Naval Operations Instruction (OPNAVINST) 5090 titled, *Environmental Readiness Program Manual*, has been released with [version 5090.1D](#). The manual contains the Navy's policy guidance for environmental readiness. It discusses requirements, delineates responsibilities, and issues policy

guidance for the management of environmental, natural, and cultural resources for all navy ships and shore activities. The revised manual is available from the [Navy Issuances website](#).

CLIMATE CHANGE

HIGH-LEVEL CLIMATE CHANGE VULNERABILITY ASSESSMENT The Army released an overview of potential Army installation vulnerabilities to climate change. The [final report](#) provides a high-level vulnerability assessment for Army installations consistent with the [DoD's Quadrennial Defense Review](#) (QDR) and following White House Council on Environmental Quality (CEQ) [guidance](#) for federal agencies tasked to conduct a high-level analysis on agency vulnerability to climate change. The report will be used to inform Army leadership and planners at all levels of Army organizations responsible for installation management and missions regarding the potential impacts of climate change on Army training, operations, equipment, and facilities.

ENERGY

CLEAN ENERGY DEPLOYMENT ON MILITARY BASES The Pew Charitable Trusts released a report titled [Power Surge: Energy Security and the Department of Defense](#). The report examines how the military is using private-sector capabilities and harnessing innovative financing to obtain advanced energy systems. According to the study, the number of energy saving and efficiency projects at military installations more than doubled from FY10 to FY12, from 630 to 1,339. The number of renewable energy projects increased from 454 to 700 during the same period. For more information, view the Pew Charitable Trusts [press release](#).

EITF GUIDANCE FOR FINANCING RENEWABLE ENERGY PROJECTS The Army's Energy Initiatives Task Force (EITF) released the draft [Army Guide: Developing Renewable Energy Projects Leveraging Private Sector Finance](#) for review and comment. The draft guide provides an overview for Army Installation Directorate of Public Works staff and energy managers of the principles, tools, and processes used to develop Army renewable energy projects. It also helps inform other stakeholders about the Army's project development and approval processes. As these processes evolve, the guide will be updated and expanded to include additional details and operating procedures useful for Army staff.

NATURAL AND CULTURAL RESOURCES

ARCHAEOLOGICAL INVESTIGATIONS OF SUNKEN AND TERRESTRIAL CRAFT The Navy is revising its rules pursuant to the [Sunken Military Craft Act](#) (SMCA) and issuing revised application guidelines for research permits on terrestrial military craft under Navy jurisdiction ([79 FR 620](#)). The proposed rule replaces current regulations and establishes a single permitting process for members of the public wishing to engage in activities that disturb, remove, or injure Department of Navy (DoN) sunken and terrestrial military craft for archaeological, historical, or educational purposes. The Naval History & Heritage Command (NHHC) will serve as the permitting authority for the disturbance of non-historic and historic DoN sunken and terrestrial military craft. Comments are due 7 MAR 14. For more information, contact [Robert Neyland](#).

TRAINING

DoDI 1322.28: RMT OFF FEDERAL PROPERTY Department of Defense Instruction (DoDI) 1322.28, [Realistic Military Training \(RMT\) Off Federal Property](#), was updated effective 23 JAN 14. The DoDI establishes policy, assigns responsibilities, and provides procedures for planning, coordinating, and conducting RMT off federal real property in accordance with Department of Defense Directive ([DoDD](#)) 1322.18. The DoDI must be reissued, cancelled, or certified within five years of its publication to be considered current in accordance with [DoD policy](#).

WASTE

DFARS UPDATE: STORAGE, TREATMENT, AND DISPOSAL OF TOXIC OR HAZARDOUS MATERIALS DoD is proposing to amend the Defense Federal Acquisition Regulation Supplement (DFARS) to conform with federal statute, amend the clause prescriptions, and update the basic and alternate clause for the prohibition on storage, treatment, and disposal of toxic or hazardous materials ([79 FR 4648](#)). This action would amend [DFARS subpart 223.71](#), titled, *Storage and Disposal of Toxic and Hazardous Materials*, to conform subpart 223.71 to [10 U.S.C. 2692](#). Additionally, the contract clause at [252.223.7006](#) is being reformatted to facilitate the use of automated contract writing systems. Refer to the Federal Register citation for details about the proposed amendments. Comments are due 31 MAR 14. For more information, contact Susan Williams at (571) 372-6092.

Federal Activity

EPA SEMIANNUAL REGULATORY AGENDA The Environmental Protection Agency (EPA) published its Fall 2013 Regulatory Plan and Unified [Agenda](#) of Federal Regulatory and Deregulatory Actions ([79 FR 1215](#)). The regulatory agenda is updated twice yearly (spring and fall). The regulatory plan (published once a year as part of the fall edition of the agenda) identifies the most significant regulatory actions that agencies expect to take in the coming year. For more information, contact [Caryn Muellerleile](#) at (202) 564-2855.

AIR

EPA GRANTING WAIVERS FROM INCINERATOR RULES ON CASE-BY-CASE BASIS EPA is exempting additional sources from its Clean Air Act (CAA), Section 129 incinerator requirements. In December 2013, the agency's enforcement office [issued a determination](#) that CAA Section 129 incinerator requirements are not applicable to a sewage sludge gasification unit operated by MaxWest Environmental Systems in Sanford, Florida. The agency concluded that because the facility does not "burn sewage sludge for the purpose of reducing combustible matter," the facility is subject to boiler regulations, not the [sewage sludge incinerator rule](#) as found in [Title 40 Code of Federal Regulation \(CFR\), Part 60, Subpart M](#). This letter aligns with the practice by EPA's Office of Solid Waste and Emergency Response (OSWER) of providing written assurances or "comfort letters" on a case-by-case basis that some processed municipal solid waste (MSW) can be classified as "fuel" rather than "waste" under its non-hazardous secondary material (NHSM) rule. Classifying certain MSW as fuel allows the operators of these combustion units to follow the less-stringent emissions control requirements for boilers rather than stricter commercial and industrial solid waste incinerator (CISWI) standards.

CLEANUP

STREAMLINING SUPERFUND ACTIONS EPA released its [FY 14 Superfund Remedial Program Review Action Plan](#), which lays out the agency's strategy in response to a reduced Superfund budget. The FY14 plan carries forward the concepts of integrating remedial design and remedial action processes and adaptive management while emphasizing streamlining of business practices and leveraging existing in-house resources.

CLIMATE CHANGE

EPA EXTENDS AIR PERMIT POLICY FOR FUGITIVE EMISSIONS TO INCLUDE GHGS EPA is extending its policy for how to count fugitive criteria pollutant emissions for air permitting purposes to include greenhouse gases (GHGs). This action could trigger GHG permit mandates for some currently unregulated sources if their fugitive emissions would push them over the threshold for triggering a permit. The agency expanded the permitting policy on fugitive emissions in an

[undated question and answer document](#) titled, *Counting GHG Fugitive Emissions in Permitting Applicability*. The document was posted to [EPA's Regional Air Program](#) website 12 DEC 13.

WITHDRAWN: GHG EMISSIONS FROM NEW EGUS EPA withdrew its [13 APR 12](#) proposed new source performance standards (NSPS) for emissions of carbon dioxide (CO₂) for new affected fossil fuel-fired electric generating units (EGUs) ([79 FR 1352](#)). This action was taken in response to new information contained in the 2.5 million comments the agency received on its original proposed rule. The withdrawal was effective 9 JAN 14. For more information, contact [Christian Fellner](#) at (919) 541-4003.

NEW PROPOSED RULE: GHG EMISSIONS FROM EGUS EPA is proposing new standards of performance for new affected fossil fuel-fired electric utility steam generating units and stationary combustion turbines ([79 FR 1429](#)). This proposed rule replaces the withdrawn rule. In the new rule, EPA is proposing a separate standard of performance for fossil fuel-fired electric utility steam generating units and integrated gasification combined cycle units that burn coal, petroleum coke and other fossil fuels that is based on partial implementation of carbon capture and storage (CCS) as the best system of emission reduction. It is also proposing standards for natural gas-fired stationary combustion turbines based on newer natural gas combined cycle technology as the best system of emission reduction. The proposed rule also includes related proposals concerning permitting fees under Title V, the Greenhouse Gas Reporting Program, and the definition of pollutant under the prevention of significant deterioration (PSD) program. Comments to EPA are due 10 MAR 14. Comments to the Office of Management and Budget (OMB) were due 7 FEB 14. A [public hearing](#) was held 6 FEB 14. For more information, contact [Nick Hutson](#) at (919) 541-2968 or visit EPA's [Carbon Pollution Standards website](#).

ENERGY

QUADRENNIAL ENERGY REVIEW President Obama issued a [memorandum](#) establishing a Quadrennial Energy Review (QER) process to ensure that federal energy policies continue to meet the nation's economic, environmental, and security goals ([79 FR 2575](#)). Over the next four years, the QER will provide a comprehensive review of these policies in context of a changing energy landscape. The memorandum establishes a Quadrennial Energy Review Task Force, which includes the DoD as a member. The task force is instructed to develop a QER report that will focus on America's infrastructure for transmitting, storing, and delivering energy. Over four years, successive installments of the QER report will provide a comprehensive set of recommendations on how best to transform America's energy production, delivery, and consumption systems to meet the challenges of the 21st century. The QER will identify important opportunities to modernize, expand, replace, or transform our energy infrastructure system to better accommodate changes in energy supply, integrate cutting-edge information and security technologies, and meet increasing demand for new consumer services.

ISSUE BRIEF: EAGLES AND ENERGY The American Wind Wildlife Institute ([AWWI](#)) released an updated [Issue Brief on Eagle Conservation, Policy and Wind Energy](#). The update explains some of the regulations related to eagle conservation and wind energy development, including the U.S. Fish and Wildlife Service (FWS) 2009 Eagle Rule and the provisions laid out in the recent extension of permits from five to 30 years. The issue brief also addresses FWS [eagle conservation plan guidance](#), intended to help wind developers maintain compliance with permits for eagle take under the 2009 rule.

EVALUATION OF WTE TECHNOLOGIES The consulting company CH2M Hill [published a technical evaluation](#) of thermal waste-to-energy (WTE) technologies. The energy, which includes cost estimates, addressed thermal technologies, direct combustion, pyrolysis, convention gasification, and plasma arc.

WIND ENERGY TAX SUBSIDY The wind production tax credit ended on 1 JAN 14 without congressional action. The production tax credit of 2.3 cents per kilowatt hour is available for wind projects for 10 years that were under construction at the end of 2013. Any projects that start construction this year are ineligible for the tax credit.

NATURAL RESOURCES

ANTHROPOGENIC SOUND EFFECTS ON MARINE MAMMALS The National Marine Fisheries Service (NMFS) extended the public comment period on its [draft guidance](#) for assessing the effects of anthropogenic sound on marine mammal species ([79 FR 4672](#)). The guidance provides updated received levels, or thresholds, above which individual marine mammals are predicted to experience changes in their hearing sensitivity (either temporary or permanent) for all underwater anthropogenic sound sources. Comments are due 13 MAR 14. For more information, contact [Amy Scholik-Schlomer](#) at (301) 427-8449.

OTHER

GSA GREEN PROCUREMENT The General Services Administration's (GSA's) [Green Procurement Compilation](#) (GPC) has been updated. A new customization feature allows agencies to create their own customized product categories, products, and green purchasing requirements. All GPC users can view agency-specific content by selecting an agency and clicking on "Show" on the GPC home page. A new Transportation Services Category encourages environmentally sustainable transportation services that consume less energy and produce fewer GHGs and other pollutants. Lastly, an annotated version of [Executive Order \(EO\) 13514, Section 2 - Sustainable Facilities](#) is available with annotated strategies, definitions, and links to resources for building sustainability.

THREATENED AND ENDANGERED SPECIES

REGULATORY AGENDA: DEPARTMENT OF COMMERCE The Department of Commerce published its fall 2013 Unified Agenda of Federal Regulatory and Deregulatory Actions ([79 FR 1122](#)). The purpose of the agenda is to provide information to the public on regulations that are currently under review, being proposed, or issued. The fall 2013 regulatory agenda includes regulatory activities that it expects to conduct during the period 1 OCT 13 through 30 SEP 14. Among National Oceanic and Atmospheric Administration (NOAA) rules in the final stage:

- Revision of Hawaiian monk seal critical habitat ([0648-BA81](#));
- Designation of critical habitat for Lower Columbia River coho salmon and Puget Sound steelhead ([0648-BB30](#));
- Designation of critical habitat for distinct population segments (DPS) of yelloweye rockfish, canary rockfish, and Boccaccio ([0648-BC76](#)); and
- Critical habitat determination for North Pacific loggerhead sea turtle DPS ([0648-BC76](#)).

TOXIC AND HAZARDOUS CHEMICALS

TRI REPORTING EPA's electronic toxic release inventory (TRI) website is live. The [TRI-MEWeb Online Reporting System](#) and the Reporting Year (RY) 2013 TRI Reporting Forms & Instructions manual are now available. Effective 21 JAN 14, facilities must use TRI-MEWeb to submit TRI reporting forms to EPA (except for trade secret information, which facilities will still complete on paper). Facilities must submit TRI forms for RY 2013 by 1 JUL 14.

GUIDE TO EVALUATE ALTERNATIVES TO TOXIC CHEMICALS The Interstate Chemicals Clearinghouse ([IC2](#)) published a [guide](#) to help businesses, governments, and interested parties evaluate alternatives to toxic chemicals in products. The *IC2 Alternatives Assessment Guide* is designed help create safer products and reduce the impact that chemicals have on human health and the environment. IC2 is an association of state, local, and tribal governments that promotes a clean environment, healthy communities, and a vital economy through the development and use of safer chemicals and products. The guide builds on the work of the EPA's Design for the Environment (Dfe), European Union's Registration, Evaluation, Authorisation and Restriction of Chemical Substances (REACH), and other alternatives frameworks to create state-of-the-art-guidance on safer chemical substitutions.

TRIVALENT CHROME PLATING Faraday Technology Inc. developed a new process that allows high-performance chrome coatings to be made from the less toxic trivalent form of chromium (CrIII) in place of hexavalent chromium (CrVI) in

plating baths. The process is described as a “nearly” drop-in replacement. High-performance, functional chrome coatings from CrVI are widely used in industrial applications for military and commercial markets. These coatings provide resistance to abrasives and sliding wear in heavy-duty machinery. The company won a small business administration [award](#) in 2013 for their process.

2012 LIQUID CHEMICAL CATEGORIZATION INTERIM RULE DELAYED The US Coast Guard delayed the effective date of its 2012 liquid chemical categorization interim final rule from 16 JAN 14 to 16 JAN 15 ([79 FR 2106](#)). This action delays by one year the effective date of the Coast Guard’s updated regulatory tables that list liquid hazardous materials, liquefied gases, and compressed gases that have been approved for maritime transportation in bulk. The delay will allow the Coast Guard additional time to consider comments received on the [interim final rule](#) that was published 16 AUG 13. For more information, contact [Patrick Keffler](#) at (202) 372-1424.

WASTE

E-MANIFEST In advance of publication in the Federal Register, EPA issued a final rule in the development of a national electronic manifest ([e-Manifest](#)) system, which will upgrade the current paper-based system of tracking hazardous waste to electronic reporting. The final rule authorizes the use of e-Manifests to track hazardous wastes under the Resource Conservation and Recovery Act (RCRA). The final rule establishes the legal and policy framework for using electronic manifests. However, several more steps are needed before the e-Manifest program can be implemented. In 2014, EPA will work with states, industry, and other stakeholders to develop plans for the many key aspects of the system and address concerns of intersystem compatibility. The agency will also begin developing the initial fee structure of the system, including implementation and compliance dates, through a rulemaking. Stakeholders and interested parties will have the opportunity to comment on the proposed rule when it becomes available.

COAL ASH RULES TO BE FINALIZED BY DECEMBER 2014 EPA entered into a [consent decree](#) committing the agency to finalize its coal ash disposal regulations under the RCRA by 19 DEC 14. The consent decree does not distinguish between EPA’s proposals applicable to ash from electric power generation facilities, and to ash from other coal combustion.

FEDERAL AGENCY HAZARDOUS WASTE COMPLIANCE DOCKET UPDATED EPA released an annual update to its Federal Agency Hazardous Waste Compliance Docket ([79 FR 654](#)). The Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA), Section 120(c) requires EPA to establish a docket that contains certain information reported to EPA by federal facilities that manage hazardous waste or from which a reportable quantity of hazardous substances has been released. The docket is used to identify federal facilities that should be evaluated to determine if they pose a threat to public health or welfare and the environment. This update includes 36 additions, two deletions, and one correction. For a complete list of facilities added to or deleted from the docket, refer to the Federal Register citation.

LOW-LEVEL RADIOACTIVE WASTE DISPOSAL PROGRAM The Nuclear Regulatory Commission (NRC) is soliciting public input on proposed revisions to its Low-Level Radioactive Waste (LLRW) disposal regulations and an update to its 2007 Strategic Assessment of the LLRW regulatory program ([79 FR 4012](#)). A public workshop is scheduled for 7 MAR 14. Comments are due the same day. NRC is also seeking comments on developments that would affect the LLRW regulatory program in the next five to seven years, including changes to the national landscape in the LLRW area that would affect licensees and sited states in the context of safety, security, and the protection of the environment. For more information, contact [Melanie Wong](#) at (301) 415-2432.

SUSTAINABILITY INCUBATOR TO CONVERT WASTE TO CASH The city of Phoenix and Arizona State University have signed a four-year agreement to establish a public/private sustainability incubator focused on converting waste and other resources into economic value. The Center for Resource Intelligence (CfRI) will be a network of public and private entities that provides a wide array of research, development, education, and services to more effectively manage resources and create economic value. The center will be managed by ASU’s [Sustainability Solutions Services](#).

WATER

NEW EPA EMERGENCY RESPONSE WEBSITE On 6 JAN 14, EPA announced a new [Emergency Response Website](#). The website shows the current spill reporting phone number and links to information about the agency's role in emergency response, response tools, and response partners, frequently asked questions, and top requested downloads.

COMMUNITY FIRE SAFETY ACT The [Community Fire Safety Act of 2013](#) has been enacted as Public Law No: 113-64. The law amends the Safe Drinking Water Act to exempt fire hydrants from the prohibition on use of lead pipes, fittings, fixtures, solder, and flux.

STORMWATER CALCULATOR EPA released phase II of the [National Stormwater Calculator and Climate Assessment Tool](#) package. The updated calculator includes future climate vulnerability scenarios. The calculator, a part of President Obama's [Climate Change Action Plan](#), is a desktop application that estimates the annual amount of stormwater runoff from a specific location. The calculator now includes changes in seasonal precipitation levels, the effects of more frequent high-intensity storms, and changes in evaporation rates based on scenarios validated by the Intergovernmental Panel on Climate Change.

OIL SPILL FACILITY RESPONSE PLANS The Pipeline and Hazardous Materials Safety Administration (PHMSA) issued an advisory bulletin to remind onshore oil pipeline operators of the circumstances of the Marshall, Michigan, pipeline accident and the need to update facility response plans every five years ([79 FR 4532](#)). Plans must also be [updated](#) whenever new or different operating conditions would affect response plan implementation. Plans must be prepared in accordance with [49 CFR 194, Appendix A](#) (applicable to operators of onshore oil pipelines). For more information, contact [Justin Pryor](#) at (202) 366-4595.

GAO REPORT: CHANGES NEEDED TO CWA TO PROTECT SURFACE WATERS The U.S. Government Accountability Office (GAO) was asked to evaluate how implementation of total maximum daily loads (TMDLs) implemented under the Clean Water Act (CWA) contribute to achieving national water quality goals ([GAO-14-80](#)). To do this, GAO studied long established TMDLs in specific water bodies and how those TMDLs contribute to water quality. What the GAO found is that 83% of long established TMDLs achieved targets for point source pollution (e.g., factories) through permits but that only 20% achieved targets for nonpoint source pollution. GAO determined that TMDLs lack key features, and that some of these key features are beyond the scope of EPA's existing regulations. GAO recommends that that EPA issue new regulations for TMDL development, adding key features. Further, Congress should consider revising CWA's approach to addressing nonpoint source pollution. GAO found that without changes to the act's approach to nonpoint source pollution, its goals are likely to remain unfulfilled. For more information, contact [Jose Gomez](#) at (202) 512-3841, refer to the [GAO report](#), or view the report [highlights page](#).

GAO REPORT: CLIMATE CHANGE AND WATER INFRASTRUCTURE GAO issued a report titled, [Federal Efforts Under Way to Assess Water Infrastructure Vulnerabilities and Address Adaptation Challenges](#) ([GAO-14-23](#)). The report reviews Federal Bureau of Reclamation and Army Corps of Engineers efforts to assess and respond to potential effects of climate change on water infrastructure. GAO analyzed agencies' climate change adaptation guidance and planning documents and interviewed agency officials and other key stakeholders, including water users, environmental groups, and researchers. GAO is not making any recommendations in the report. For more information, contact [Steve Morris](#) at (202) 512-3841.

BRISTOL BAY ASSESSMENT OF IMPACTS FROM COPPER AND GOLD MINING EPA released an [assessment](#) of potential impacts on fisheries, wildlife and Native cultures from large-scale copper and gold mining in Bristol Bay, Alaska ([79 FR 3369](#)). The Bristol Bay assessment describes potential impacts to salmon and ecological resources from proposed large-scale copper and gold mining in the area. The report concludes that large-scale mining in the Bristol Bay watershed poses risks to salmon and Alaska Native cultures.

Professional Development

FEDERAL FACILITIES ENVIRONMENTAL STEWARDSHIP AND COMPLIANCE ASSISTANCE CENTER - FedCenter.gov is the federal government's home for comprehensive environmental stewardship, compliance assistance, and professional development information. FedCenter.gov provides a wide variety of information in the following areas:

- Program development (e.g., environmental management systems, green procurement program);
- Federal and state regulatory requirements for various facility activities;
- Regulatory Watch for information on new or changed laws or regulations;
- P2 opportunities and best management practices;
- EPA enforcement notices;
- Links to state environmental programs;
- Access to [environmental assistance](#);
- Access to free, FedCenter-sponsored courses:
 - [Environmental Compliance for Federal Laboratories](#) (FedCenter membership required);
 - [Environmental Management Systems](#) (FedCenter membership required);
 - [Underground Storage Tanks](#) (FedCenter membership required);
- Environmental [conferences](#), meetings, [training](#), and workshop information;
- Applicable laws and Executive Orders; and
- Industry sector-specific newsletters.

FedCenter also provides member assistance services such as:

- Collaboration tools for workgroups,
- Environmental reporting tools, and
- Daily newsletter and subscription services.

USACE PROSPECT Training USACE announces course availability for the FY14 PROSPECT (i.e., Proponent-Sponsored Engineer Corps Training) program. Please see the [Course Catalog \(a.k.a. Purple Book\)](#) and [List of Classes and schedule](#) for details. Courses are open to all federal, state, county and city employees and contractors. There are different registration processes for each entity.

NAVY AND ISEERB ENVIRONMENTAL TRAINING FY14 The Navy and the Interservice Environmental Education Review Board (ISEERB) Environmental Training schedule for FY14 is available. Course topics include environmental overview and management, law planning and sustainability, pollution prevention, restoration, conservation, supplemental and Internet/computer-based training, and more.

AIR FORCE CIVIL ENGINEERING SCHOOL TRAINING FY14 The Air Force Civil Engineering School offers a variety of environmental management courses and seminars, including ISEERB offerings. Courses offered by the Civil Engineer School are available to all military and civilian employees of the U.S. government, free of charges. Travel costs are borne by the student.

QUALIFIED RECYCLING PROGRAM RESIDENT COURSE TO BE REPLACED WITH DISTANCE LEARNING DoD's Qualified Recycling Program (QRP) 40-Hour Resident Course (WENV 160), which has been taught and managed by the Air Force Institute of Technology (AFIT), is being reformatted as a distance learning course. This action is being taken to accommodate budget restrictions on training and travel. The reformatted, web-based course will continue to offer the same opportunities for student involvement (e.g., group activities, assignments, discussions, etc.) as the resident course. Although reformatting the Qualified Recycling Course for distance learning is not yet complete, AFIT

anticipates the web-based course will be offered several times in FY14. This action is part of a broader effort to increase distance-learning options. For more information, visit the [AFIT course website](#), or contact Mr. Tom Glardon at (937) 255-5654 ext 3538 (DSN 785-4645).

DEFENSE AND FEDERAL ENVIRONMENTAL TRAINING/AWARENESS The U.S. Army offers numerous environmental training courses (classroom and online). Explore training opportunities on the [US Army Environmental Command \(AEC\) website](#), which has links to training provided by DoD organizations.

Online Training

FEMP eTRAINING COURSES The Federal Energy Management Program (FEMP) offers interactive, online eTraining courses to help federal agencies develop core competencies and comply with energy-efficiency and renewable-energy water-management and sustainability requirements. FEMP is partnering with the National Institute of Building Sciences' Whole Building Design Guide (WBDG) to host these comprehensive, FEMP-developed eTraining courses. [Promotional materials](#) are available to help federal agencies encourage the completion of FEMP's eTraining courses. For more information about FEMP eTraining courses, contact [Beverly Dyer](#) at (202) 586-7753. The following courses are available:

- [Advanced Electric Metering in Federal Facilities](#) (3.5 hours, .40 CEUs)
- [Building Automation Systems for Existing Federal Facilities](#) (3.5 hours, .40 CEUs)
- [Commissioning for Existing Federal Buildings](#) (4.5 hours, .50 CEUs)
- [Energy-Efficient Federal Purchasing](#) (4.5 hours, .50 CEUs)
- [Energy Savings Performance Contracting](#) (8.5 hours, .90 CEUs)
- [Federal On-Site Renewable Power Purchase Agreements](#) (2.5 hours, .30 CEUs)
- [Launching a Utility Energy Services Contract \(UESC\): Getting to Yes!](#) (3 hours, .40 CEUs)
- [Managing Water Assessment in Federal Facilities](#) (3.5 hours, .40 CEUs)
- [Measurement and Verification in ESPCs](#) (3 hours, .40 CEUs)
- [Planning an Energy Assessment for Federal Facilities](#) (4 hours, .50 CEUs)
- [Selecting, Implementing, and Funding Photovoltaic Systems in Federal Facilities](#) (3.5 hours, .40 CEUs)
- [Sustainable Institutional Change for Federal Facility Managers](#) (3 hours, .40 CEUs)
- [Utility Service Contracts and Energy Project Incentive Funds](#) (90 minutes)

***ENERGY STAR WEBCASTS.** Among the offerings:

- [Federal Guiding Principles Checklist](#) – 27 MAR 14 - This webcast will teach federal energy and sustainability professionals how to use the ENERGY STAR® measurement and tracking tool, Portfolio Manager, to help ensure compliance with the Guiding Principles for High Performance Sustainable Buildings required by Executive Orders 13423 and 13514. The focus is on the Guiding Principles for Sustainable Existing Buildings.
- [Portfolio Manager 101](#) – 18 FEB 14 – This webcast demonstrates the core functionality of EPA's new Energy Star Portfolio Manager tool. Attendees will learn to navigate the new Portfolio Manager, add a property and enter details, enter energy and water consumption data, share properties, generate performance reports to assess progress, and respond to data requests.
- [Portfolio Manager 201](#) – 19 FEB 14 – This webcast will explore advanced functionalities of EPA's Energy Star Portfolio Manager tool, including managing and tracking changes to property uses over time; using spreadsheet templates to update property data; setting goals and targets to plan energy improvements for properties; generating and using custom reports; and using the Sustainable Buildings Checklist.

CLIMATE READY WATER UTILITIES EPA's Climate Ready Water Utilities initiative assists the water sector (drinking water, wastewater, and stormwater utilities) in addressing impacts from climate change. This information helps utility

owners and operators better prepare their systems for the impacts of climate change. The website has links to [tools and resources](#), new and recorded [training webinars](#), and more.

CLIMATE CHANGE SCIENCE AND MANAGEMENT WEBINAR SERIES This [webinar series](#) was developed to inform scientists, land managers, and the public about potential and predicted climate change impacts on fish and wildlife and to help guide resource management decisions across the United States. Video recordings with closed captioning are made available one to two weeks after each presentation.

WATER'S IMPACT ON THE ENERGY SECTOR This webinar features Stacy Tellinghuisen, senior energy/water policy analyst at Western Resource Advocates, who shares new research on the national impacts of water scarcity on the energy sector, including how the expanded use of renewable energy and energy efficiency can help reduce the potential impacts that prolonged droughts will have on the energy sector.

READINESS AND ENVIRONMENTAL PROTECTION INTEGRATION PROGRAM – Webinar Series The REPI Webinar Series is presented by DoD in partnership with the [Land Trust Alliance](#). This online series covers best practices, tutorials and knowledge sharing on REPI partnerships that support military mission and accelerate the pace and rate of conservation. All webinars begin at 1:00 p.m. Eastern unless otherwise noted.

EPA NPDES TRAINING COURSES AND WORKSHOPS Training courses, workshops, and webcasts explain the regulatory framework and technical considerations of the NPDES Permit program. They are designed for permit writers, dischargers, EPA officials, and other interested parties. Topics include vessel general permits, combined sewer overflows, energy management, green infrastructure, pesticides, pretreatment, sanitary sewer overflows, and stormwater.

EPA SUSTAINABLE MATERIALS MANAGEMENT ACADEMY Learn about key issues, successful projects, and a variety of best management practices for creating waste management programs. Building on the familiar concept of [Reduce, Reuse, Recycle](#), sustainable materials management (SMM) is a systemic approach that seeks to reduce materials use and their associated environmental impacts over their entire life cycle, starting with extraction of natural resources and product design and ending with decisions on recycling or final disposal. The format is a formal presentation followed by a question and answer session.

ITRC INTERNET BASED TRAINING The Interstate Technology and Regulatory Council (ITRC) is a state-led coalition working with federal partners, industry, academia, and stakeholders to achieve regulatory acceptance of environmental technologies. In conjunction with EPA's Technology Innovation and Field Services Division, ITRC delivers training courses via the Internet to reach a geographically dispersed audience of regulators, consultants, and other members of the environmental community. The training sessions last approximately two hours, cover technical and regulatory information specific to environmental technologies and innovative approaches, and are supported by consensus-based ITRC guidance documents. Visit the site often to view upcoming internet-based training events.

EPA RCRA TRAINING RCRA-related online courses, seminars, webinars, podcasts, and videos are posted throughout EPA's waste website. Introductory and advanced courses are included for federal and state regulators, the regulated community, organizations, associations, and consumers interested in environmental laws, regulations, and implementation. Topics include general RCRA, RCRA corrective action, Environmental Management Systems (EMS), e-waste, groundwater characterization and cleanup, land revitalization, land disposal restrictions, sustainable materials management web academy, and environmental justice and RCRA permitting.

***AMPHIBIAN AND REPTILE WEB-BASED LECTURE SERIES** DoD's [Partners in Amphibian and Reptile Conservation \(PARC\)](#) hosts a monthly lecture series conducted by DoD biologists and professional herpetologists. The lecture series is conducted using Defense Connect Online. The goal of the lecture series is to help members stay connected and keep up with scientific studies and news. Copies of previous lectures are available on the [PARC group and photo site](#).

***AREA SOURCE BOILER RULE VIDEO SERIES** A new [EPA video series](#) explaining the Area Source Boiler Rule recently became available. The series consists of modules regarding:

- An overview of rule applicability, including specific rule requirements and compliance dates;
- How to conduct an energy assessment;
- How to conduct a boiler tune-up; and
- Recordkeeping and reporting requirements of the rule.

Area sources are commercial (e.g., laundries, apartments, hotels), institutional (e.g., schools, churches, medical centers, municipal buildings) or industrial (e.g., manufacturing, refining, processing, mining) facilities that emit or have the potential to emit less than 10 tons per year (tpy) of a single hazardous air pollutant, or less than 25 tpy combined hazardous air pollutants. The Area Source Boiler Rule affects boilers at these facilities that burn coal (including coal refuse, petroleum coke, or synthetic fuels derived from coal), oil or other liquid fuel, biomass, and non-waste materials. Upcoming compliance dates for the Area Source Boiler Rule include:

- 21 MAR 14—deadline for completing the initial tune-up for existing boilers, and
- 19 JUL 14—deadline for submitting the notification of compliance status (NOCS) for tune-ups.

How the Regional Offices Work for You

When used within the framework of ISO 14001, the *Western Region Review* can be part of an installation's procedures to satisfy Section 4.3.2 (Legal and other requirements) of ISO 14001. Information in the *Review* is intended for general guidance, and the reader should refer to cited source documents for more detailed information to determine the applicability and scope of the referenced legislation and regulations.

The US Army Regional Environmental and Energy Offices monitor state legislative and regulatory actions on your behalf. If a proposed state action has (1) critical mission impact; (2) conflicts with a federal requirement; and/or (3) a disproportionate effect on the Army or DoD, we coordinate with the potentially affected installations, commands, and/or other military Services to further assess the potential impact. If action is needed on a proposed measure we work with Army or Service regulatory experts to communicate DA/DoD position, coordinating with the affected installations and commands. Comments are combined from all parties in a single DoD/Army package and formally submitted to the state.

Want to comment on a rule or bill in the Review?

Please contact your Regional Environmental Coordinator listed in the Staff Directory.

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Acronyms

ADEC	Alaska Department of Environmental Conservation
ADFG	Alaska Department of Fish and Game
ADNR	Alaska Department of Natural Resources
ACHP	Advisory Council on Historic Preservation
ACUB	Army Compatible Use Buffer
ATSDR	Agency for Toxic Substances and Disease Registry
BACT	best available control technology
BART	best available retro-fit technology
BLM	Bureau of Land Management
BTU	British thermal unit
CAA	Clean Air Act
CAFE	corporate average fuel economy
CAMR	Clean Air Mercury Rule
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
CEQ	Council on Environmental Quality
CFR	Code of Federal Regulation
CH₄	methane
CNOR	candidate notice of review
CO₂	carbon dioxide
CO₂e	carbon dioxide equivalent
COE	Corps of Engineers
CrVI	hexavalent chromium
CTED	Washington Department of Community, Trade, & Economic Development
CWA	Clean Water Act
CX	categorical exclusion
DA	Department of Agriculture
DO	dissolved oxygen
DoD	Department of Defense
DOE	Department of Energy
DOI	Department of Interior
DOT	United States Department of Transportation
DPS	distinct population segment
EA	environmental assessment
ECA	emission control area
ECF	emission comparable fuel
EIO	Energy Initiatives Office
EIS	environmental impact statement
EO	Executive Order
EPA	Environmental Protection Agency
ESA	Endangered Species Act of 1973
ESTCP	Environmental Security Technology Certification Program
FERC	Federal Energy Regulatory Commission
FIFRA	Federal Insecticide, Fungicide, and Rodenticide Act
FONSI	finding of no significant impact
FS	Forest Service
FWS	Fish and Wildlife Service
FY	fiscal year

GAO	Government Accountability Office
GHG	greenhouse gas
GRP	geographic response plan
GSA	General Service Administration
HCFC	hydrochlorofluorocarbon
HFC	hydrofluorocarbon
HFE	hydrofluorinated ethers
IDAPA	Idaho Administrative Procedures Act
IDEQ	Idaho Department of Environmental Quality
INRMP	integrated natural resource management plan
ISEERB	Interservice Environmental Education Review Board
ITRC	Interstate Technology and Regulatory Council
JLUS	Joint Land Use Study
LBP	lead-based paint
LEED	Leadership in Energy and Environmental Design
LID	Low-Impact Development
LOSS	large on-site sewage system
LT2	long term 2
MACT	maximum achievable control technology
MCL	maximum contaminant level
MCLG	maximum contaminant level goal
MERIT	Materials of Evolving Regulatory Interest Team
MOU	memorandum of understanding
MPA	marine protected area
MS4	municipal separate storm sewer system
MSGP	multi-sector general permit
N₂O	nitrous oxide
NAAQS	National Ambient Air Quality Standards
NCSL	National Conference of State Legislatures
NEPA	National Environmental Policy Act
NESHAP	National Emission Standards for Hazardous Air Pollutants
NF₃	nitrogen trifluoride
NHTSA	National Highway Traffic Safety Administration
NIST	National Institute of Standards and Technology
NMFS	National Marine Fisheries Service
NOAA	National Oceanic and Atmospheric Administration
NO₂	nitrogen dioxide
NO_x	nitrogen oxides
NPDES	National Pollutant Discharge Elimination System
NRC	Nuclear Regulatory Commission
NSPS	New Source Performance Standard
NSR	New Source Review
OAR	Oregon Administrative Rules
ODA	Oregon Department of Agriculture
ODEQ	Oregon Department of Environmental Quality
OEQC	Oregon Environmental Quality Commission
OMB	Office of Management and Budget
P2	pollution prevention
PBDE	polybrominated diphenyl ethers
PFC	perfluorocarbons

PFOA	perfluorooctanoic acid
PFOS	perfluorooctane sulfonic acid
PHMSA	Pipeline and Hazardous Materials Safety Administration
PM	particulate matter
PM2.5	particulate matter 2.5 microns in diameter or less
PM10	particulate matter 10 microns in diameter or less
POPs	persistent organic pollutants
ppb	parts per billion
PSD	Prevention of Significant Deterioration
PWS	public water system
RCRA	Resource Conservation and Recovery Act
REEO-W	Regional Environmental and Energy Office - Western
RoC	Report on Carcinogens
RoHS	European Union's Restriction of Hazardous Substances
RRP	Renovation, Repair, and Painting
SERDP	Strategic Environmental Research and Development Program
SI	spark-ignition
SIP	State Implementation Plan
SMP	Shoreline Management Plan
SNAP	significant new alternatives policy
SNUR	significant new use rule
SO₂	sulfur dioxide
SO_x	sulfur oxides
SPCC	spill prevention, control, and countermeasures
TAC	toxic air pollutant
TiO₂	titanium dioxide
TMDL	total maximum daily load
tpy	tons per year
TRI	Toxics Release Inventory
TSCA	Toxic Substance Control Act
UFC	Unified Facilities Criteria
ug/m³	micrograms per cubic meter
U.S.	United States
USACE	United States Army Corps of Engineers
USAEC	United States Army Environmental Command
USGS	United States Geological Survey
UST	underground storage tank
USTCA	Underground Storage Tank Compliance Act
VOC	volatile organic compound
WAC	Washington Administrative Code
WCI	Western Climate Initiative
WEFSEC	Washington Energy Facility Site Evaluation Council
WDC	Washington Department of Commerce
WDOE	Washington Department of Ecology
WDOH	Washington Department of Health
WGA	Western Governors' Association
WPCF	Water Pollution Control Facility
WRAP	Western Regional Air Partnership